



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Valdez A-6

Anadromous Water Catalog Number of Waterway: 221-60-11370-2254

Status: Cataloged

Name of Waterway: Lowe River Tributary (Local Name)

☐ USGS Name

☒ Local Name

☐ Addition

☐ Deletion

☒ Correction

☒ Backup Information

For Office Use

Nomination #	03 194	Regional Supervisor	3/18/03
Revision Year:	2003	AWC Project Biologist	12/11/03
Revision to: Atlas <input checked="" type="checkbox"/> Catalog <input checked="" type="checkbox"/>			
Both <input type="checkbox"/>			
Revision Code: <del>12</del> C-5			
	Drafted		Date

**SITE INFORMATION**

Station: JPOS102A05 Visit: 1 Date Observed: 6/5/2002 Latitude: 61.05109 Longitude: -145.92332

Legal Description: NW 1/4 Section 34, T. 9 S., R. 4 W., C.R.M.

**STREAM PARAMETER**

Wetted OHW

Width (m) 1.25 7.5

Water Temp. (C): 6 Stream Stage: Medium

Thalweg Depth (m) 0.2 0.54

Dominant Substrate: Gravel

Station Comments: Station 20 m downstream of culvert under access road.

**SPECIES INFORMATION** Dolly Varden

Life Stage: Juvenile/Adult

Count: 2

Life History: Unknown

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 126 Trap Time (h):

Trap in:

Fish passage barrier at site: None

Trap out:

Species Comments: One Dolly Varden eluded capture.

**SPECIES INFORMATION** coho salmon

Life Stage: Juvenile

Count: 3

Life History: Anadromous

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 30 Trap Time (h):

Trap in:

Fish passage barrier at site: Specific Barrier Unknown

Trap out:

Species Comments: Appeared recently emergent.

JAN 16 2003

REGION II  
HABITAT AND RESTORATION  
DIVISION

**Additional Comments:**

Channel location dynamic, subject to frequent lateral adjustment.  
~~see ref to map~~ last page For map ref # now 03-185

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature:

*Douglas W. Lieb*

Address: Joint Pipeline Office, Alaska Department of Fish and Game

411 W. 4th Avenue

Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_

Appendix C1.-Page 30 of 674.

Station 02A05 Visit 1

Survey Date 6/5/2002



PIC02008.jpg



PIC02009.jpg



PIC02010.jpg





State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Valdez A-6

Anadromous Water Catalog Number of Waterway: 221-60-11370-2254

Name of Waterway: Lowe River Tributary (Local Name)

☐ USGS Name

Status: Cataloged

☒ Local Name

☐ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # _____	Regional Supervisor _____	Date _____
Revision Year: _____	AWC Project Biologist _____	Date _____
Revision to: Atlas _____ Catalog _____	Drafted _____	Date _____
Both _____		
Revision Code: _____		

**SITE INFORMATION** Station: JPOS102A05 Visit: 2 Date Observed: 7/5/2002 Latitude: 61.05109 Longitude: -145.92332

Legal Description: NW 1/4 Section 34, T. 9 S., R. 4 W., C.R.M.

**STREAM PARAMETER**

Wetted OHW

Width (m)  
Thalweg Depth (m)

Water Temp. (C):

Stream Stage: Dry, Defined Channel

Dominant Substrate: Gravel

Station Comments: Stream at station is dry. No flowing water present. Downstream of culvert a few small pools are still present indicating channel has not been dry for long, location where cohos were caught on previous visit is dry. A walk up to the point where this stream crosses ROW revealed stream has water flow but much lower at the upper portion of stream. Twenty-five meters upstream of culvert water flow ends. Upstream of this a section of subsurface flow for 15 m. Upstream where there is water flowing is shallow and low velocity.

**SPECIES INFORMATION** no collection effort

Life Stage: Not Applicable

Count:

Life History:

Sampling Method: None

Area (m2):

Effort (s):

Trap Time (h):

Trap in:

Fish passage barrier at site: Not applicable

Trap out:

Species Comments: No water, no sampling.

1

**Additional Comments:**

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature: Douglas W. Lieb

Address: Joint Pipeline Office, Alaska Department of Fish and Game  
411 W. 4th Avenue  
Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Valdez A-6

Anadromous Water Catalog Number of Waterway: 221-60-11370-2254

Status: Cataloged

Name of Waterway: Lowe River Tributary (Local Name)

☐ USGS Name

☒ Local Name

☐ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # _____	_____	_____
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date
Revision Code: _____	_____	_____
	Drafted	Date

**SITE INFORMATION**

Station: JPOS102A05 Visit: 3 Date Observed: 8/28/2002 Latitude: 61.05109 Longitude: -145.92332

Legal Description: NW 1/4 Section 34, T. 9 S., R. 4 W., C.R.M.

**STREAM PARAMETER**

Wetted OHW

Width (m) 1

Water Temp. (C): 8.3

Stream Stage: Medium

Thalweg Depth (m) 0.17

Dominant Substrate: Gravel

Station Comments: Stream has good water flow in channel. Stream appears similar to Visit 1. Stream has sections of shallow gravel riffle flow, interspersed with deep slow pools. There is woody debris in water and suspended over stream. One hundred meters downstream of culvert stream emerges onto Lowe River alluvial floodplain. One hundred meters downstream on floodplain the channel dries up and no surface flow. Fifteen meters further downstream is confluence with Lowe River tributary (Stations 02A03 and 02A04).

**SPECIES INFORMATION**

no fish collected or observed

Life Stage: Not Applicable

Count:

Life History:

Sampling Method: Portable Electrofisher

Area (m2):

Effort (s): 296

Trap Time (h): 0.50

Trap in: 8/28/2002 10:30:00 AM

Fish passage barrier at site: Not applicable

Trap out: 8/28/2002 11:00:00 AM

Species Comments: Stream was clear and slow and narrow. One trap upstream, 2 set downstream.

1

**Additional Comments:**

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature: Douglas W. Lieb

Address: Joint Pipeline Office, Alaska Department of Fish and Game  
411 W. 4th Avenue  
Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_





State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Valdez A-6

Anadromous Water Catalog Number of Waterway:

Name of Waterway: Lowe River Tributary (Local Name)

☐ USGS Name

Status:

☒ Local Name

☐ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # _____	_____	_____
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date
Revision Code: _____	_____	_____
	Drafted	Date

**SITE INFORMATION** Station: JPOS102A06 Visit: 1 Date Observed: 6/5/2002 Latitude: 61.05072 Longitude: -145.92285  
Legal Description: 1/4 Section, T. ., R. .

**STREAM PARAMETER** Wetted OHW

Width (m) 1  
Thalweg Depth (m) 0.15

Water Temp. (C): Stream Stage: Medium  
Dominant Substrate: Gravel

Station Comments: Station upstream of culvert and 02A05. Area directly upstream of culvert disturbed due to power line clearing.

**SPECIES INFORMATION** Dolly Varden Life Stage: Juvenile/Adult Count: 3 Life History: Unknown

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 112 Trap Time (h): Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments: Large fish got away, likely a Dolly Varden.

1

Additional Comments:

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature: Douglas W. Lieb

Address: Joint Pipeline Office, Alaska Department of Fish and Game

411 W. 4th Avenue

Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Valdez A-6

Anadromous Water Catalog Number of Waterway:

Name of Waterway: Lowe River Tributary (Local Name)

☐ USGS Name

Status:

☒ Local Name

☐ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # _____	_____	_____
Revision Year: _____	Regional Supervisor	Date _____
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date _____
Revision Code: _____	_____	_____
	Drafted	Date _____

**SITE INFORMATION** Station: JPOS102A08 Visit: 1 Date Observed: 6/5/2002 Latitude: 61.04858 Longitude: -145.91841  
Legal Description: 1/4 Section, T. ., R. .

**STREAM PARAMETER**

	Wetted	OHW		
Width (m)	1.9	2.3	Water Temp. (C): 6.1	Stream Stage: Medium
Thalweg Depth (m)	0.25	0.36	Dominant Substrate: Gravel	

Station Comments: Upon walking downstream, discovered it is same as stream 02A05 and 02A06. Pictures downstream culvert 25, upstream 26.

**SPECIES INFORMATION** Dolly Varden Life Stage: Juvenile/Adult Count: 1 Life History: Unknown  
Sampling Method: Portable Electrofisher Area (m2): Effort (s): 444 Trap Time (h): Trap in:  
Fish passage barrier at site: Unknown Trap out:

Species Comments: Stunned many fish; unable to capture all but one.

1

Additional Comments:

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature: Douglas W. Lieb

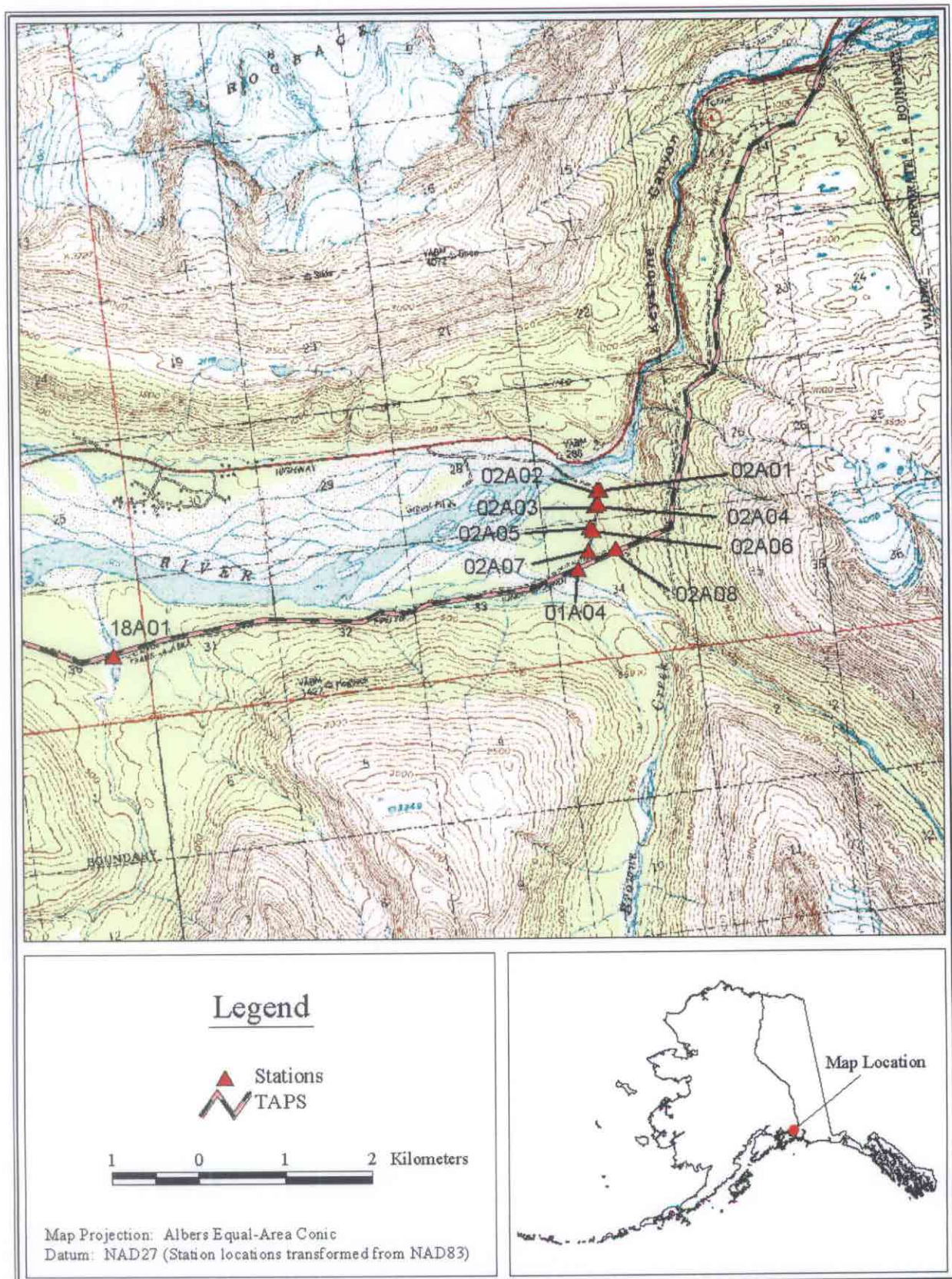
Address: Joint Pipeline Office, Alaska Department of Fish and Game  
411 W. 4th Avenue  
Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

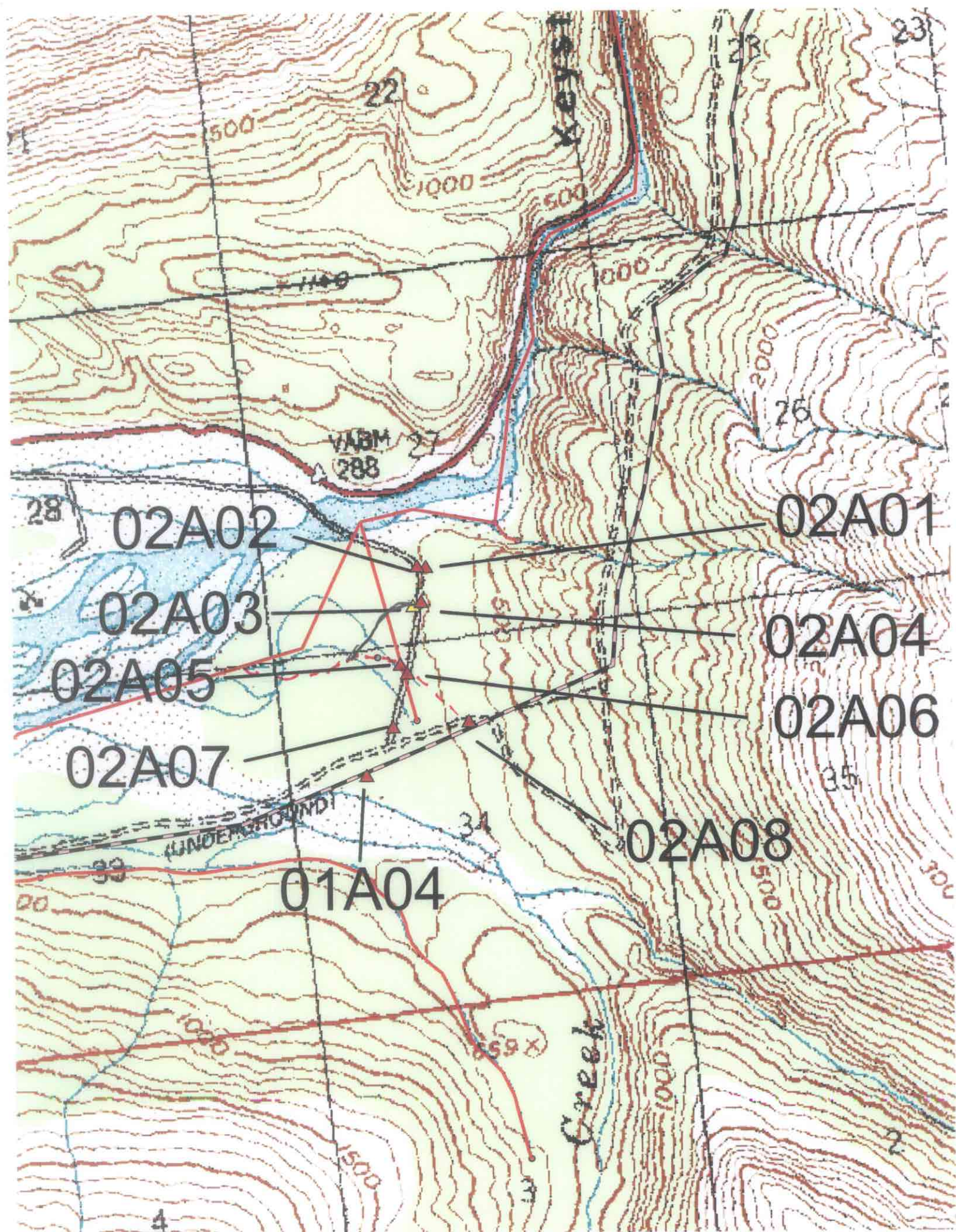
Signature of Area Biologist: \_\_\_\_\_



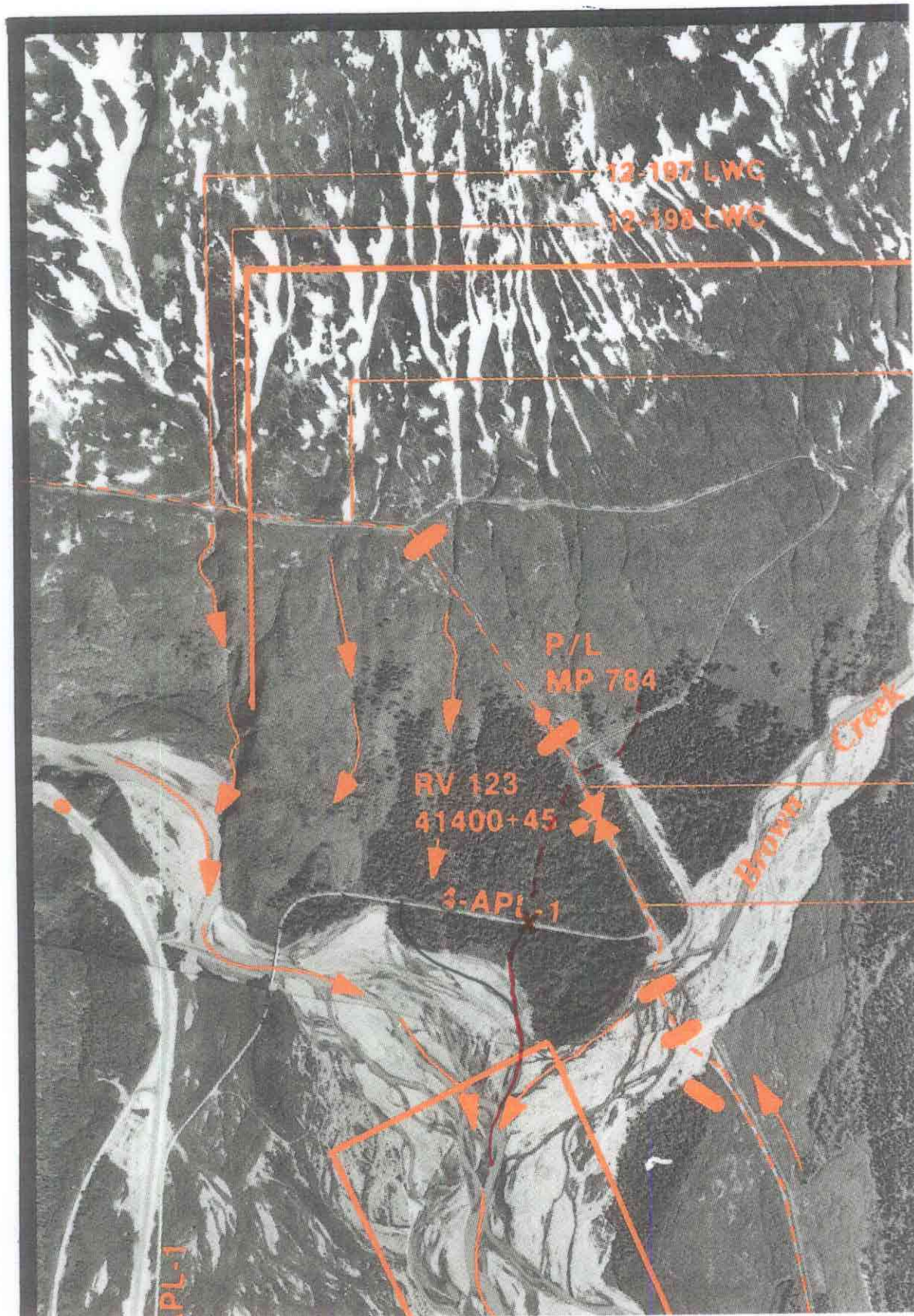
Appendix A2.-Stations 01A04, 02A01, 02A02, 02A03, 02A04, 02A05, 02A06, 02A07, 02A08, and 18A01.



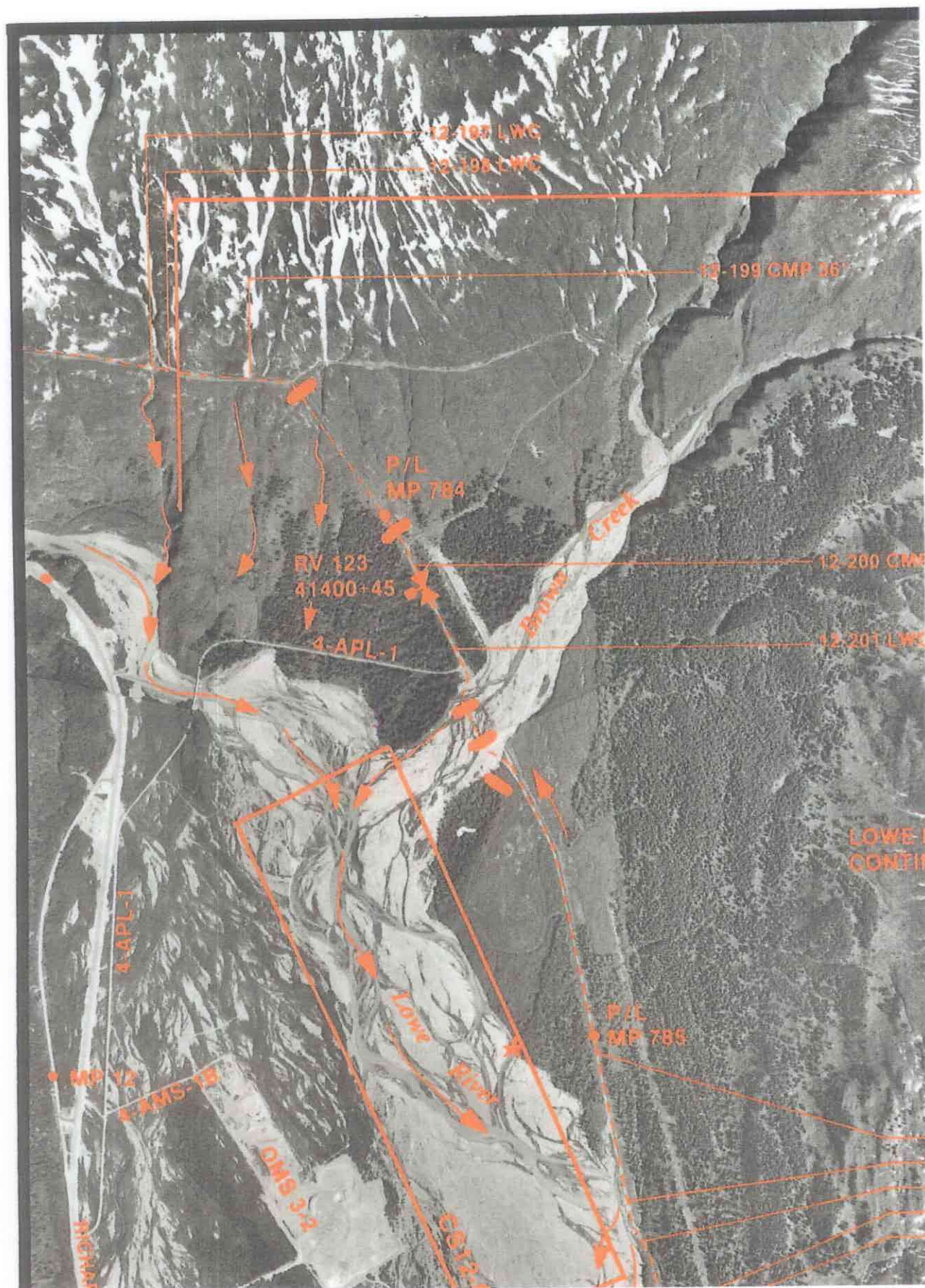




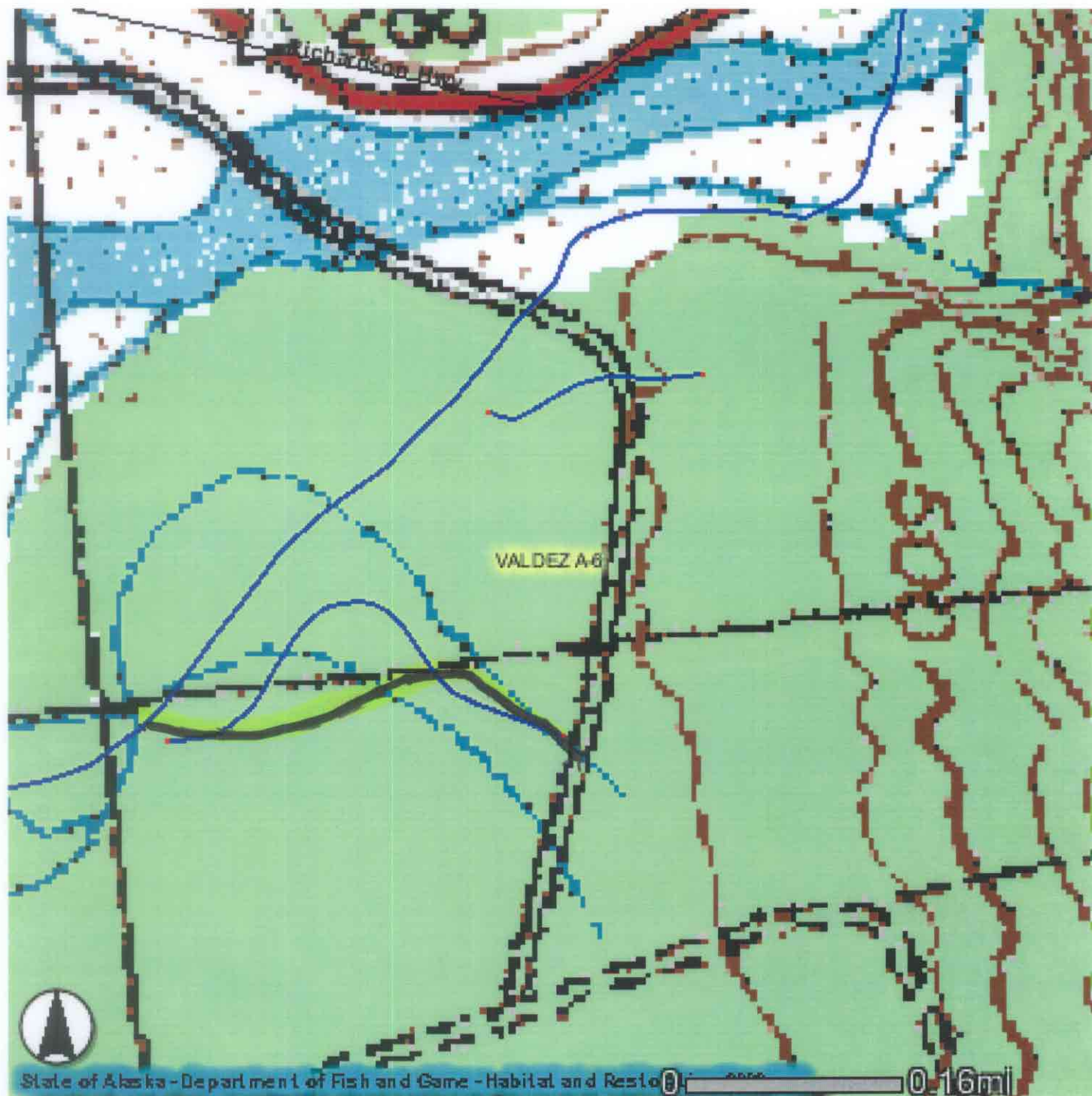












Change stream location  
221-60-11370-2254-